UTILITY PATENT APPLICATION TRANSMISSION

Our Docket No.: A-59941-3 468084-	Date: August 20, 2003
First Named Inventor: Joseph W. St. Geme III	
Title: Haemophilus Adherence and Penetration Proteins	
Express Mail No.: EV 298966405 US	

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

15535 U.S. PTO
10/645655
08/20/03

APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet (Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
3. ☒ Specification Total Pages: 51
   - ☒ Descriptive title of the invention
   - ☐ Cross References to Related Applications
   - ☐ Statement Regarding Fed. Sponsored R&D
   - ☐ Reference to Microfiche Appendix
   - ☒ Background of the Invention
   - ☒ Brief Summary of the Invention
   - ☒ Brief Description of the Drawings
   - ☒ Detailed Description
   - ☒ Claims
   - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 23
5. ☒ Oath or Declaration Total Pages: 3
   - a. ☐ Newly Executed (original or copy)
   - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
     1. ☐ DELETION OF INVENTORS Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37.C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☒ Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
   - a. ☐ Computer Readable Form (CRF)
   - ☒ Request to Use Computer Readable Form of Sequence Listing From Another Application
   - b. ☒ Specification Sequence Listing on:
     - i. ☐ CD-ROM or CD-R (2 copies); or
     - ii. ☒ paper
   - c. ☒ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☒ Assignment Papers
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement (with Copies of Citations as necessary)
15. ☒ Preliminary Amendment Total Pages: 8
16. ☒ Return Receipt Postcard (Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s) (if foreign priority is claimed)
18. ☒ Other: Fee Calculation Sheet

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
☐Continuation ☒ Division ☐ Continuation-in-part (CIP) of prior Application No. 09/839,996, filed April 20, 2001, pending, which was a divisional of Application No. 08/296,791, filed August 25, 1994, now U.S. Patent 6,245,337.

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

ATTY NAME	Richard F. Trecartin Reg. No. 31,801 SIGNATURE: [signature] DATE: 8/19/03
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187 Customer Number: 32940
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APPLICATION FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known	
Application No.	Unassigned
Filing Date	Herewith
First Named Inventor	Joseph W. St. Geme III
Group Art Unit	Unknown
Examiner Name	Unknown
Atty. Docket Number	A-59941-3 468084-

Express Mail No EV 298966405 US

METHOD OF PAYMENT (Check One)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
Deposit Account No.: 50-2319
Deposit Account Name: DORSEY & WHITNEY LLP

☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17
☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description
160	80	☐ Provisional Filing Fee
750	375	☒ Utility Filing Fee
330	165	☐ Design Filing Fee
750	375	☐ Reissue Filing Fee

Subtotal (1) $750.00

2. EXTRA* CLAIM FEES

	Number Claims		Prior		Extra		Fee from Below*		Fee Paid
Total	13	-	20	=		x	9	=	$0
Indep.	1	-	3	=		x	42	=	$0
Multiple Dependent Claims				=		x	140	=	$0

Subtotal (2) $0.00

*Calculation of Extra Claim Fees

Large Entity Fee	Small Entity Fee	Fee Description
18	9	Claims in excess of 20
84	42	Independent claims in excess of 3
280	140	Multiple dependent Claim
84	42	Reissue independent claims over original patent
18	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge – Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	
110	55	Extension for reply within first month	
410	205	Extension for reply within second month	
930	465	Extension for reply within third month	
1,450	725	Extension for reply within fourth month	
1,9760	9850	Extension for reply within fifth month	
750	375	Submission After Final 1.129	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
1,280	640	Utility/Reissue Issue Fee (including advance copies)	
460	230	Design Issue Fee (inc. advance copies)	
740	370	Request for Continued Examination (RCE)	
300	300	Publication fee for early, voluntary, or normal publication	
300	300	Publication fee for re-publication	
110	55	Petition to Revive – unavoidable	
1,280	640	Petition to Revive – unintentional	

OTHER FEE (specify):

Subtotal (3)

Total Amount of Payment: $750.00

Submitted by:

Name: Richard F. Trecartin	Reg. No.: 31,801	Telephone: (415) 781-1989
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, CA 94111	**CUSTOMER NUMBER 32940**
Signature:		Date: 8/19/03